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COUNTRY Czechoslovakia

DATE DISTR. 5 APR 51

SUBJECT Skoda Electrical Engineering
Plant in Pilsen-Doudlevice
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SUPPLEMENT TO

1. The Pilsen-Doudlevice Electrical Engineering Plant of Skoda National Corporation employs a total of about 4,500 workers and covers an area of 400 m by 600 m surrounded by a wall 3 m high topped by barbed wire. On the side along which the railroad runs the wall is 2 m high. The Workers' Militia consists of about 70 men and ten women organized into four platoons and armed with rifles and pistols. The plant guard consists of about 20 members armed with pistols. The plant fire brigade consists of about 20 members and is equipped with two fire engines. There are Minimax fire extinguishers in every shop. Workers' wages range from 2,000 to 5,000 crowns a month. Workers' brigades are used for the construction of the "Gigant" plant; every worker must contribute eight hours per month on this project. Prisoners are transported from the Bory Prison to work in the carbide shop and cleaning rough castings.
2. Leading personnel in the Doudlevice Plant include the following:
 - a. Plant Manager Rajtrajer, a Russian, 29 years old, 190 cm tall, of slight build; a fanatic Communist. He also heads the Personnel Department.
 - b. Administration and Technical Manager Barta, about 55 years old, of medium build, with gray hair; a Communist.
 - c. Chairman of the Workers' Council Janousek, about 48 years old, of medium build, with black hair; a fanatic Communist. His deputy is Stanislav Strnad, 22 years old, of medium build, with brown hair; an active Communist, who is also deputy chairman of the local organization of the Czech Youth Union. The Workers' Council consists of nine members.
 - d. Commander of the Workers' Militia Jan Preis, 45 years old, short, slim, with marked cheekbones and brown hair; a fanatic Communist.

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- e. Director of the Workers' Guard Jaslinek, 38 years old, of medium build, with black hair; a Communist.
- f. Office Manager Janacek, 36 years old, large, with brown hair; a fanatic Communist.
- g. Production Manager Ing. Stastny, 46 years old, tall, slight, with black hair; a Communist. He is also a designer.
- h. Chief of Production of Electric Motors Ing. Cerny, 40 years old, of medium build, with brown hair; a nominal Communist. He is also a designer.
- i. Chief of the Warehouse Plecty, about 46 years old, of medium build, with brown hair; a fanatic Communist.

3. The following list describes the production and administration units of the Doudlevce Plant. The numbers are keyed to the attached sketch.

- A 1 Transformer Department Single-story building, 45 m by 450 m, with a sheet iron and glassed roof. About 250 workers are employed here. Transformers with capacities of from 10,000 to 3,000,000 volts are produced, largely on the basis of orders. The output of the smaller types is about 20 per month, of the larger types, between six and twelve per year.
- A 2 Turbogenerator Department Single-story building, 45 m by 450 m, with a sheet iron and glassed roof. About 300 workers are employed in three shifts. Turbogenerators of from 10,000 to 100,000 HP output are produced here at a rate of about 10 per month on the basis of orders. Products are shipped to the Stalin Most plant and exported to the USSR, Bulgaria, and Finland. Turbogenerators are tested underground beneath the building. Machinery in this department includes:
 - 1 lathe, 5 m between tips
 - 1 semi-automatic lathe
 - 5 small lathes
 - drill presses
 - milling machines
- A 3 Generator Department Single-story building, 45 m by 450 m, with a sheet iron and glassed roof. About 300 workers are employed in three shifts. Between 40 and 50 generators of up to 10,000 HP output are produced per month. Machinery in this department includes:
 - 10 small lathes
 - 1 semi-automatic lathe
 - horizontal lathes
 - drill presses
 - 3 milling machines
 - 4 large drill presses
 - 2 horizontal milling machines
- B 1 Small Electric Motor Department About 250 workers are employed in two shifts in the production of electric motors of from $\frac{1}{4}$ to 3 HP. Out-put of these motors is about 1,000 per month which are exported to the USSR, satellite countries, China, South America and Australia. All parts are manufactured in the plant. Machinery in this department includes:
 - 20 small lathes
 - 15 drill presses
 - 8 turret lathes

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- B 2 Large Electric Motor Department About 300 workers are employed in two shifts in the production of electric motors of from 10 to 140 HP for trolleys, mine locomotives and cranes. Twenty to 25 80-HP motors for trolleys are produced per month for domestic use and export to Bulgaria; 10 to 12 140-HP motors for mine locomotives are produced per month for domestic use and export to the USSR and Bulgaria; 20 to 25 80-HP motors for cranes are produced per month for export to the USSR, Bulgaria and Sweden. Machinery in this department includes:
- 2 horizontal lathes
 - 24 small lathes
 - 12 drill presses
 - 10 milling machines
- B 3 Medium Size Motor Department About 200 workers are employed in two shifts in the production of electric motors of from 3 to 10 HP for plant machinery. Output amounts to about 500 motors per month, exported mainly to the USSR and the satellite countries.
- B 4 Testing Shop About 80 persons are employed in the testing of motors. Four balancing machines are used in this work.
- C 1 Welding Shop About 200 workers are employed here in three shifts producing transformer housings. Machinery in this department includes:
- 25 electric welding machines
 - 8 small presses
 - 1 grinder for each production worker
- C 2 Trolley Bus Department About 150 workers are employed in two shifts in installing the electric power plant and other electric equipment in trolley busses which are delivered to the plant from Skoda plants in Prague-Smichov, Brno and Pilsen. About ten trolley busses per month are equipped. Machinery in the department includes:
- 4 travelling cranes
 - autogenous welding apparatus
- D Plant Railway Workshop Single-story building in which 12 men are employed in two shifts in the maintenance of the plant locomotives and other railway equipment.
- E Insulator Department A wooden building in which 120 workers are employed in two shifts in the assembling of insulators by hand. These insulators are used in the production of transformers in the plant.
- F Switch Department A wooden building in which about 100 workers are employed in two shifts in the assembling of switches for transformers, generators, turbogenerators and rheostats for use in other departments of the plant. Machinery in this department includes:
- 3 small cranes
 - 10 welding machines
- G Gigant Plant Building*
- H Lathe Department About 150 workers are employed here in two shifts. About 120 small lathes and small canstan lathes (sic) per month are produced. Machinery in this department includes:

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20 lathes
15 drill presses
20 turret lathes
10 grinders

K Warehouse

Between 100 and 150 men are employed here in two shifts. All types of raw materials and semi-finished products for use in the Doudlevec plant are stored here.

L Pressing Shop

Between 250 and 300 workers are employed in three shifts producing parts for other departments in the plant. Machinery in the department includes:

15 presses
30 electric shears
6 bar shears

During World War II, using different equipment, this department produced cannon.

M Carbide Shop

Twelve employees and about 20 prisoners from the Bory Prison are employed in this shop in one shift in the production of masses for the autogenous welding machines in the production departments of the plant.

N Skoda Machine Repair Shop

Sixty workers are employed here in one shift in the repair of electric motors of up to 10 HP.

1-3 Technical Offices

4 Workshops

5 Boiler House

Single-story building. One old boiler and two locomotive boilers are being used at the present time. In December 1949 the new boiler was destroyed. It is this unit which the locomotive boilers are replacing. For the sabotage to the power plant one employee was sentenced to life imprisonment and a second worker to 25 years in prison.

6 Canteen

7 Militia Armory

8 Gatekeeper's House and Guardhouse

9 Workers' Council Building

10 Administration Building A six-story building.

11 Czechoslovak Youth Association Clubrooms

12 Civilian Houses

4. Raw materials and semi-finished products for the production departments of the Skoda Doudlevec Plant are supplied as follows:

Item	Supplier
Aluminum	USSR
Copper	USSR
Insulation material	Kablo National Corporation
Special oil for transformers	Pardubice
Sheet steel	Brno Rolling Mills and Poverly Rolling Mills, Usti nad Labem
Porcelain insulators	Germany
Carbon elements for	France and England

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5. Across the Pilsen-Klatovy railroad line from the Skoda-Doudlevice Electrical Engineering Plant a large subordinate plant known as "Gigant" is under construction. This plant consists of three reinforced concrete buildings with sheet iron and glassed roofs, which cover an area of 400 m by 700 m. Two stories are below ground; the plant is connected by a tunnel for an electric train with the main plant. Neither the underground section nor the inside of the building have been completed. Production in some sections is to begin July 1950. This plant is to produce and test turbogenerators, steam turbines, and large transformers.

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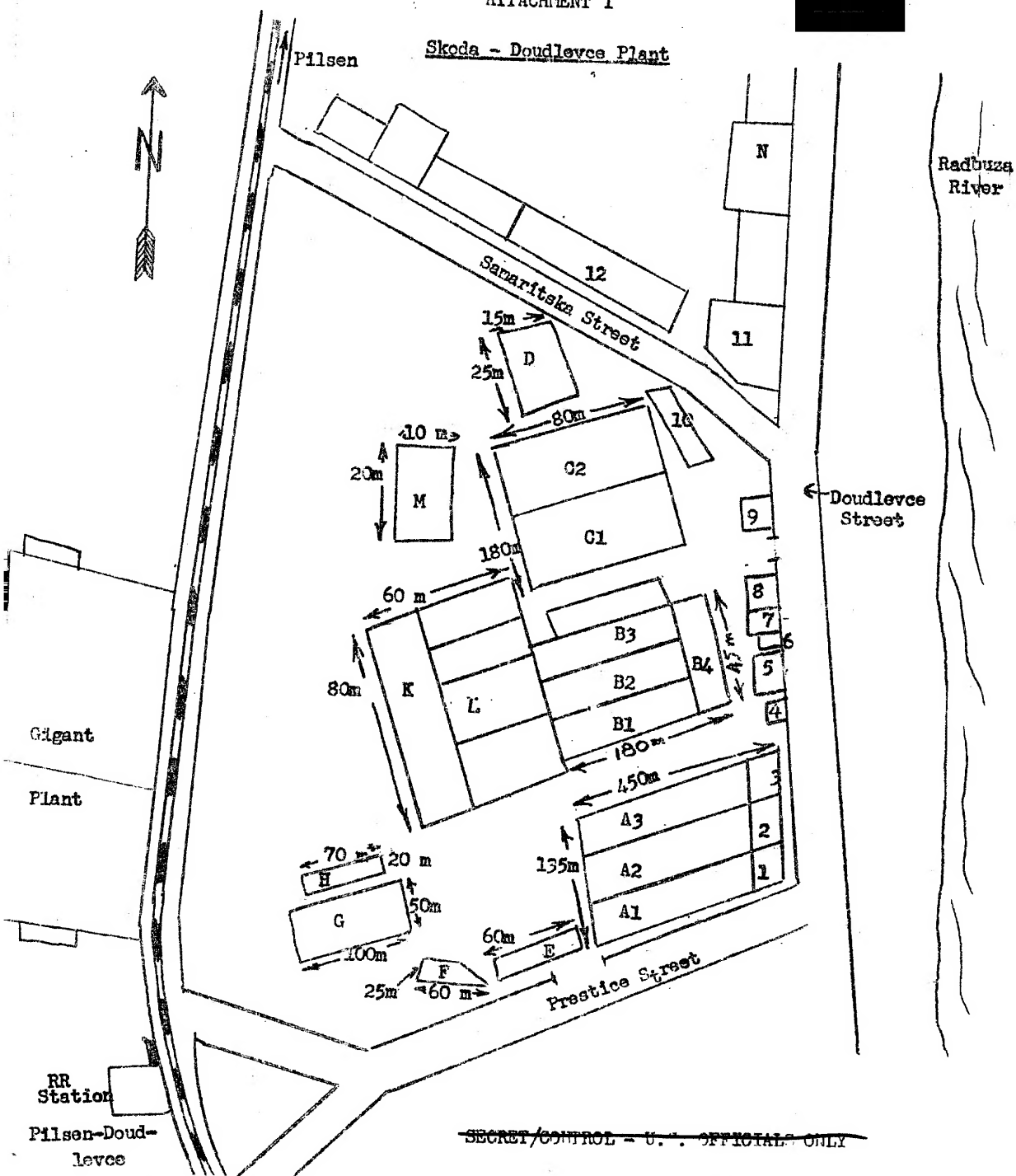
- * [REDACTED] Comment: This building, which is not to be confused with the "Gigant" plant discussed in paragraph 5, has been reported variously as being a six-story production building covering an area of 200 m by 100 m, and as a 25-story building to be used for administration offices. In both reports it was said to be under construction; both reports also mentioned the "Gigant" plant discussed above. [REDACTED]

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Attachment: Sketch of the Skoda Electrical Engineering Plant in Pilsen-Doudlevice.

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 ATTACHMENT I

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